

# Work Order ID 69112

Monday, May 02, 2011 11:11:20 AM



Page 1

Item ID:	D2989-4	Accept		Setup	Start	
Revision ID:						
Item Name:	Rib				Stop	
Start Date:	5/2/2011	Start Qty: 2.00		Cust Item ID:		
Required Date:	5/5/2011	Req'd Qty: 2.00		Customer:		
Reference:						

Approvals:	Process Plan:		Date:	11-05-2	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2989	Rev D

100		0.00							
	Large Fab								
Large Fab	Memo	0.00							
Large Fab	1- pick D3166-3 cut D2989-4 to length using DT9441 template and cut 45 degree as per dwg D2989 <input type="checkbox"/> 2- remove identification markings <input type="checkbox"/> 3- deburr								

SAD 11-05-09

110		0.00							
	QC6- Inspect dimensions to drawing								
QC	Memo	0.00							
Quality Control									

pl 11-05-09

120		0.00							
	Identify as per dwg & Stock Location: WA								
Packaging	Memo	0.00							
Packaging									

SAD 11-05-10

(2)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 69112**

Monday, May 02, 2011 11:11:20 AM



Page 2

Item ID: D2989-4

Accept



Setup Start



Revision ID:

Item Name: Rib

Stop



Start Date: 5/2/2011

Start Qty: 2.00



Cust Item ID:

Required Date: 5/5/2011

Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/5/11

11/5/11

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**NOTE:** Date & initial all entries

# Picklist Print

Monday, May 02, 2011 11:11:26 AM

Page 1

Work Order ID: 69112

Parent Item: D2989-4

Parent Item Name: Rib




Start Date: 5/2/2011

Required Date: 5/5/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 08-12-02 new issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3166-3  Basket Hoop		Manufactured	No			100	Each	3.8102	0.08	0.168421			

SAD 11-05-09

Location

Loc Qty

Loc Code

WA007

3.8102

64928

3.8102

0.1685

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**NOTE:** Date & initial all entries

**D2989-043 BASKET LID ASSEMBLY**  
(MESH SHOWN LOCALLY FOR CLARITY)

**D2989-041 BASKET LID ASSEMBLY**  
(MESH SHOWN LOCALLY FOR CLARITY)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 09112

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3  
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4  
SPRAY PAINT INSIDE SURFACE BLACK PRIOR TO APPLYING ANTI-SKID  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: D2989-041 = 26.50 lbs; D2989-043 = 15.50 lbs  
8) WELD PER DART QSI 004

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
1	X		D2989-041	BASKET LID ASSEMBLY
2		X	D2989-043	BASKET LID ASSEMBLY
3	1		D2506	LABEL PLATE
4	1		D2512-7	RIB
5	2		D2581	MOUNTING BRACKET
6		1	D2989-3	RIB
7		1	D2989-4	RIB
8		2	D2989-5	RIB
9	2		D2989-13	RIB
10	2	1	D2989-17	RIB
11	2		D2989-19	RIB
12		2	D3182-1	HINGE
13		2	D3442-3	SHIM
14		1	D3827-041	RIB ASSY (INBOARD)
15	1		D3832-3	MESH, BASKET LID
16		1	D3832-5	MESH, BASKET LID
17	2		D3833-3	MESH, LID END
18		2	D3833-5	MESH, LID END
19	1		D3836-041	RIB ASSY (BASKET LID, LH)
20	1		D3836-042	RIB ASSY (BASKET LID, RH)
21		1	D3838-041	RIB ASSY (BASKET LID, LH)
22		1	D3838-042	RIB ASSY (BASKET LID, RH)
23	1		D3852-041	RIB ASSEMBLY
24	1		D3852-042	RIB ASSEMBLY

RELEASED  
08/11/12

D	REVISED -041/-043 PARTS LISTS AND ADDED "ITEM" COLUMN TO PARTS LIST (ZN D3-1); D3836-041 REPLACES D2989-9/-15; D3836-042 REPLACES D2989-10/-15; D3838-041 REPLACES D2989-11/-7; D3838-042 REPLACES D2989-2/-7; D3852-041 REPLACES D2989-11; D3852-042 REPLACES D2989-2, REMOVED D2327-3 (NOW INSTALLED ON D3836 DWG); D2989-9/-10 (NOW ON D3836 DWG); D2989-11/-12 (NOW ON D3836 DWG) AND D2989-11/-12 (NOW ON D3852 DWG). REASON: TO SATISFY "LEAN MANUFACTURING" PROGRAM	MB	08.09.24
C	FRAME MATERIAL WAS 0.060 WALL; MESH MATERIAL UPDATED; DRAWING TRANSFERRED TO "B" FORMAT AND CURRENT DRAFTING STANDARD	AJS	08.06.20
B	ADD SHIM UNDER HINGES, UPDATE LID DIMENSIONS	PH	05.06.07
A	NEW ISSUE	DS	00.10.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DS		
CHECKED	RJS	DRAWING NO.	REV. D
MFG. APPR.	MP	D2989	SHEET 1 OF 5
APPROVED	MP	TITLE	SCALE
DE APPR.	MP	BASKET LID ASSEMBLY	NTS
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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries



8

7

6

5

4

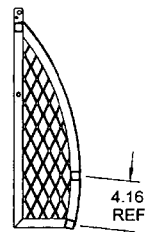
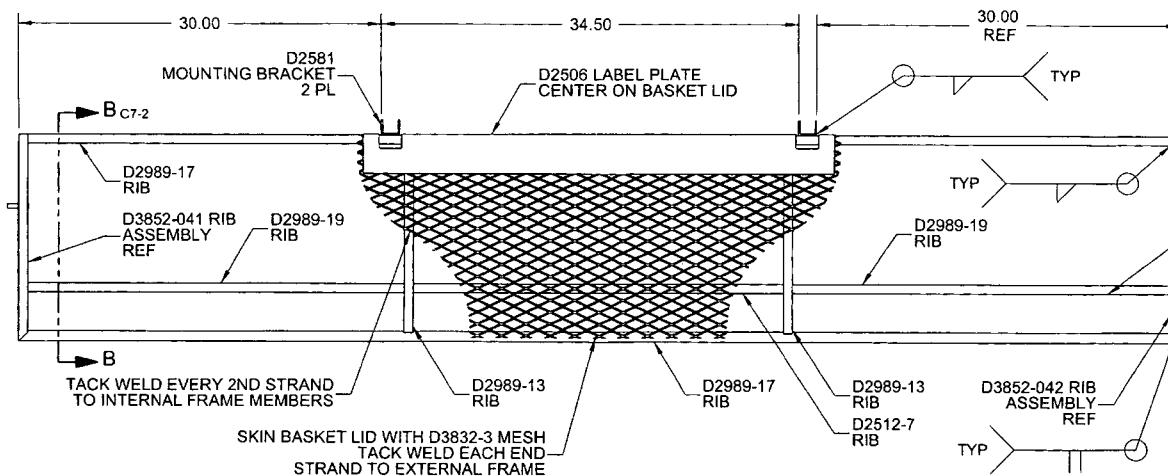
3

2

1

# SECTION B-B

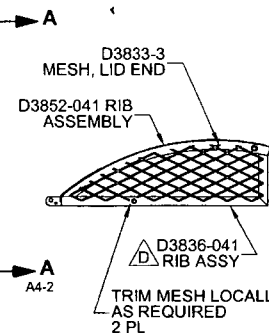
D7-2

4.16  
REF

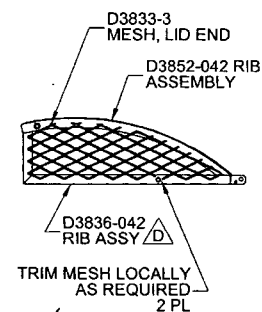
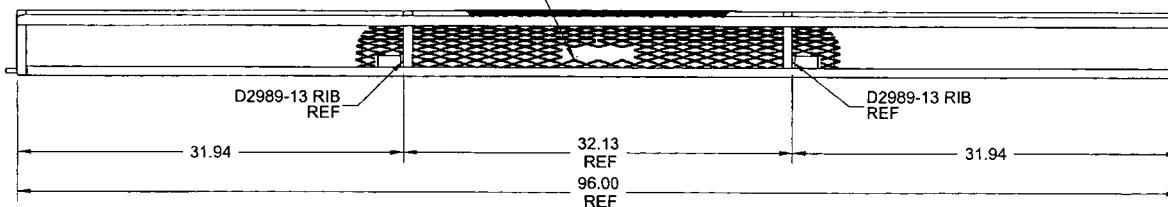
SKIN BASKET LID WITH D3832-3 MESH  
TACK WELD EACH END  
STRAND TO EXTERNAL FRAME

TACK WELD MESH TO FRAME  
AT EVERY AVAILABLE LOCATION  
IN AREA TO BE ANTI-SKID'D

BLACK ANTI-SKID  
PAINT THIS SECTION

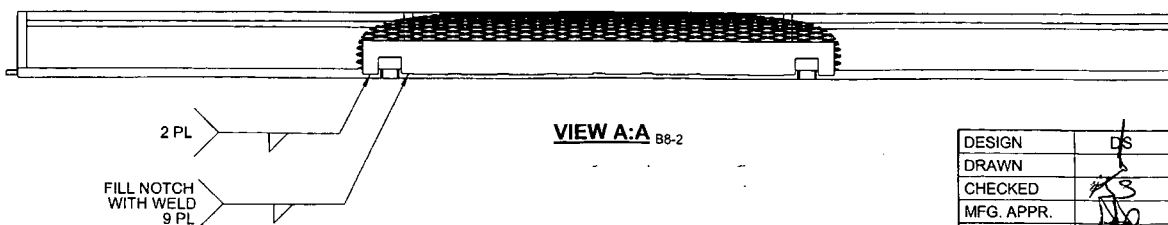


TACK WELD MESH TO LABEL PLATE  
AT EVERY AVAILABLE LOCATION



## D2989-041 BASKET LID ASSEMBLY (MESH SHOWN LOCALLY FOR CLARITY)

W/O 69112



## VIEW A-A

B8-2

RELEASED  
08/11/81

DESIGN	DS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	KS	DRAWING NO.	REV. I
MFG. APPR.	DS	D2989	SHEET 2 OF 5
APPROVED	DS	TITLE	SCALE
DE APPR.	DS	BASKET LID ASSEMBLY	NTS
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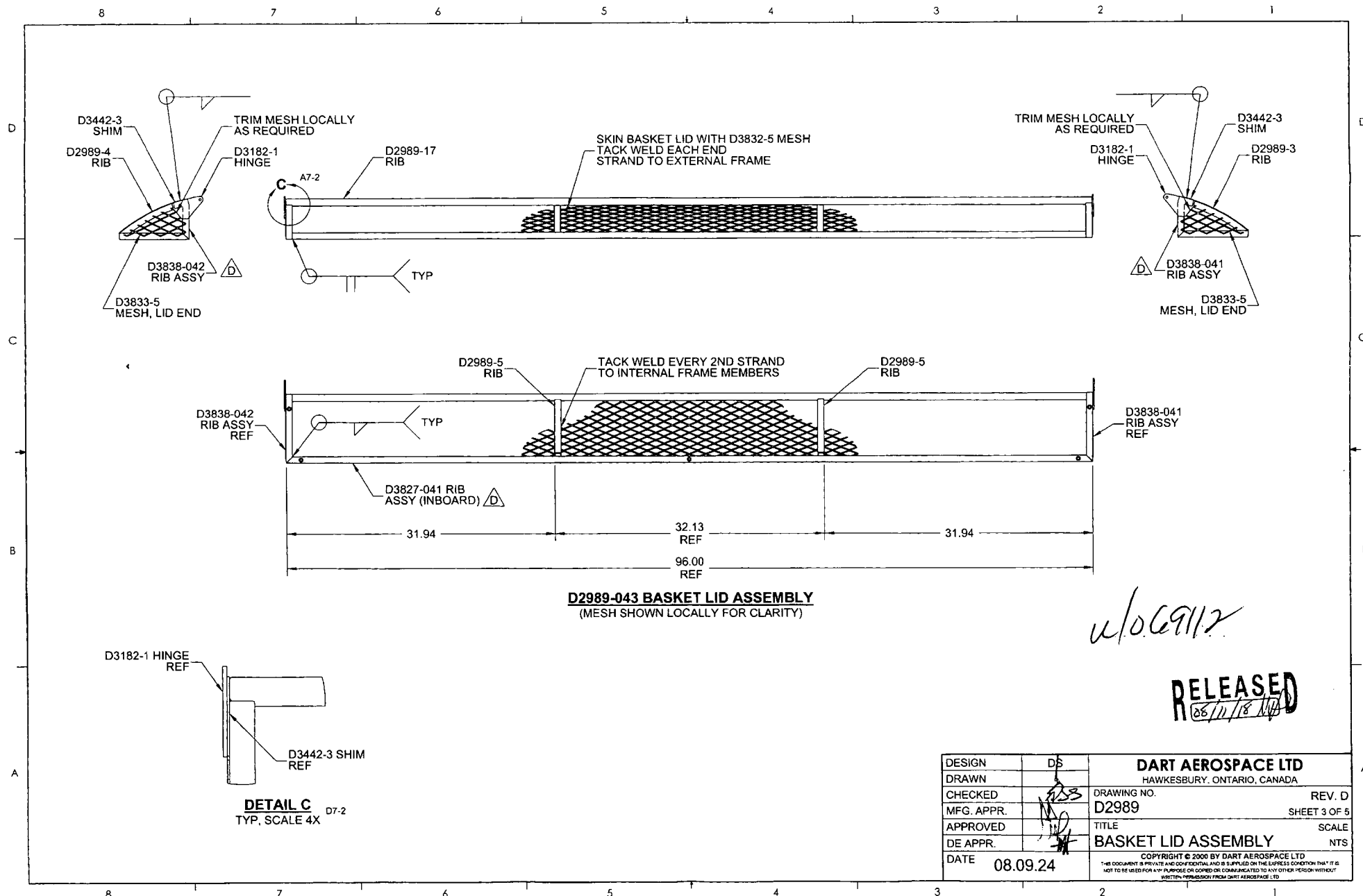
W/O:		WORK ORDER CHANGES						
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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MFG. APPR.		D2989	SHEET 3 OF 5
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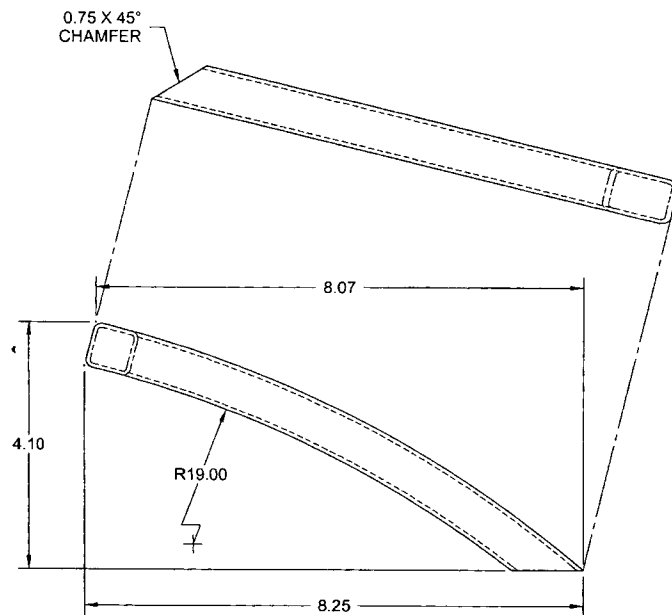
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

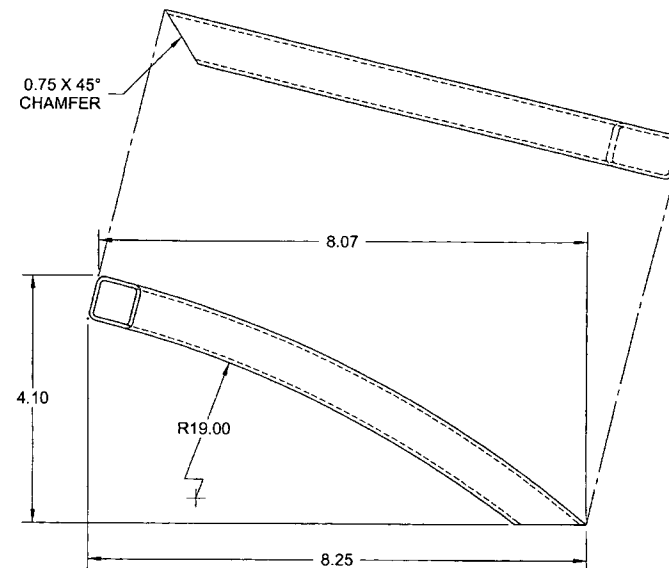
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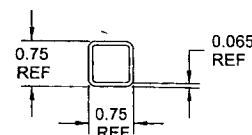
**NOTE:** Date & initial all entries



**D2989-3 RIB**



**D2989-4 RIB**



**TYPICAL SECTION  
VIEW**

- NOTES:
- 1) MATERIAL: D3166-3 BASKET HOOP
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 8) WEIGHT: D2989-3/-4 = 0.39 lbs;

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
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MFG. APPR.		D2989	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY	NTS
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**RELEASED**

*W1069112*

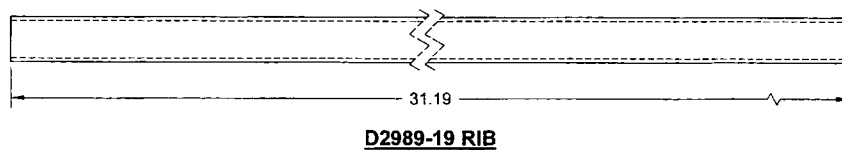
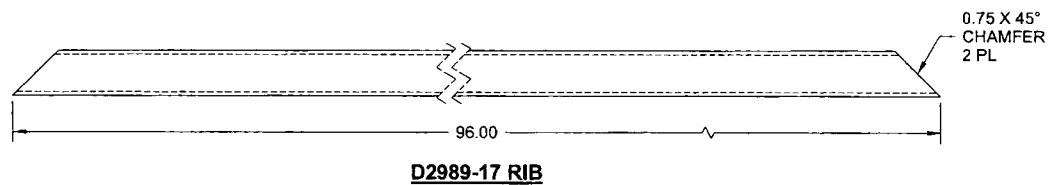
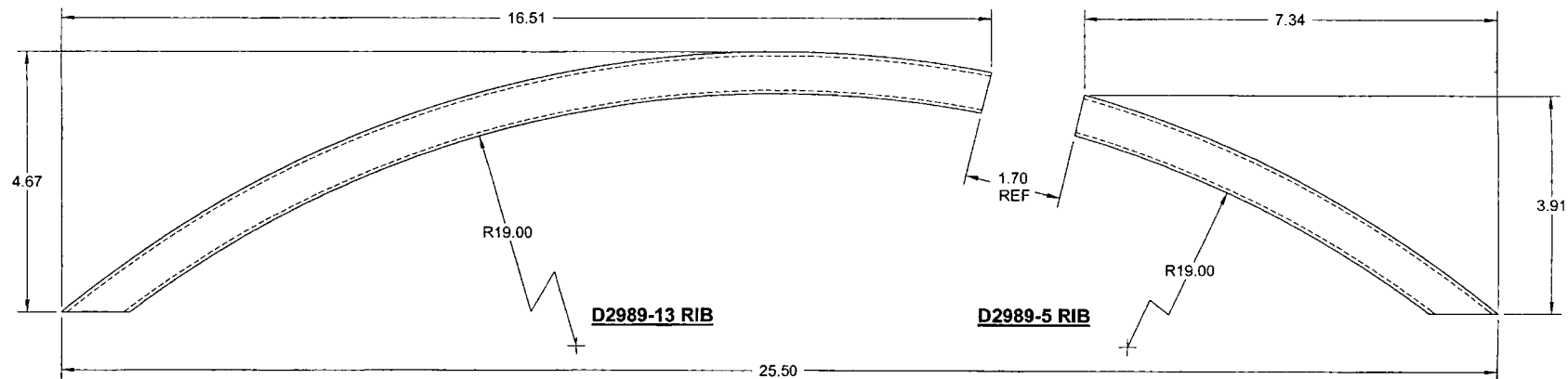
W/O:		WORK ORDER CHANGES						
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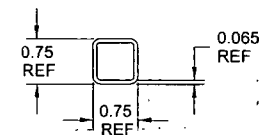
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*w/o 69112*



**TYPICAL SECTION  
VIEW**

**RELEASED**  
*08/11/18*

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL  
REF. DART SPEC. M304TS0.750W0.065
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 8) WEIGHT: D2989-5 = 0.37 lbs; D2989-13 = 0.81 lbs; D2989-17 = 4.57 lbs; D2989-19 = 1.50 lbs

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>DS</i>	DRAWING NO.	REV. D
MFG. APPR.		<b>D2989</b>	SHEET 5 OF 5
APPROVED	<i>AS</i>	TITLE	SCALE
DE APPR.	<i>AS</i>	<b>BASKET LID ASSEMBLY</b>	NTS
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